

The diagram illustrates a computer system 100. A central horizontal bus, labeled BUS 101, connects several internal components: MAIN MEMORY 104, READ ONLY MEMORY 106, and MASS STORAGE DEVICE 107. These components are connected to the bus via bidirectional arrows. Above the bus, a MASS STORAGE MEDIUM 108 is connected to the MASS STORAGE DEVICE 107 via a bidirectional arrow. Below the bus, a PROCESSOR 102 is connected to the bus via a bidirectional arrow. The entire system 100 is enclosed in a box labeled 100. Below the system box, a second horizontal bus, labeled BUS 103, connects five external devices: DISPLAY 121, KEYBOARD 122, CURSOR CONTROL DEVICE 123, HARD COPY DEVICE 124, and COMMUNICATION DEVICE 125. The connections are as follows: DISPLAY 121 and HARD COPY DEVICE 124 connect to BUS 103 via upward-pointing arrows; KEYBOARD 122, CURSOR CONTROL DEVICE 123, and COMMUNICATION DEVICE 125 connect to BUS 103 via downward-pointing arrows. A long vertical arrow on the right side of the diagram points from the top of BUS 101 down to the bottom of BUS 103, indicating a data path between the two buses.

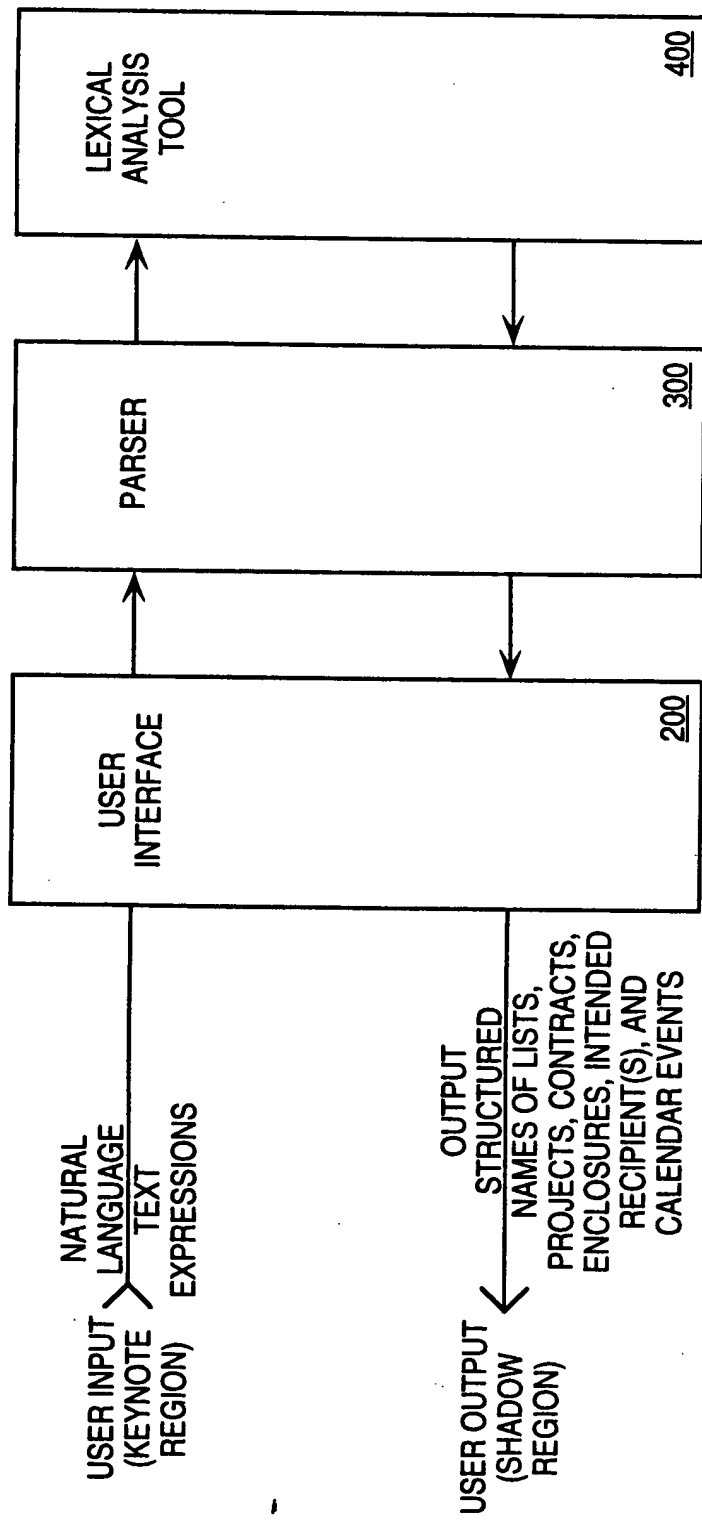
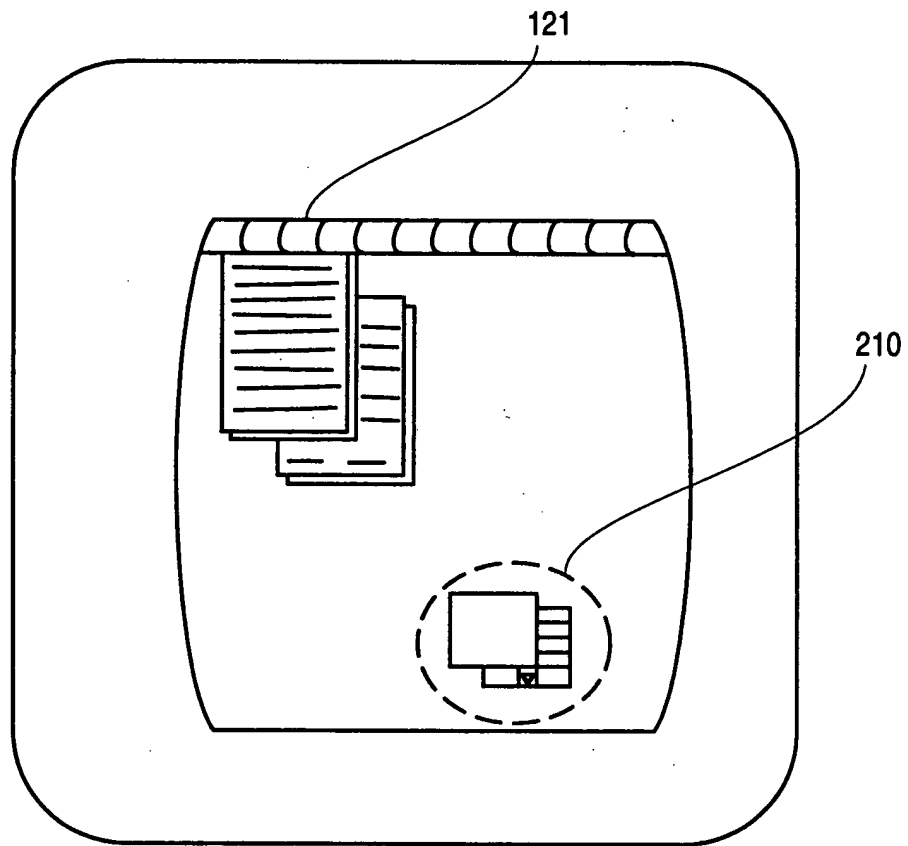
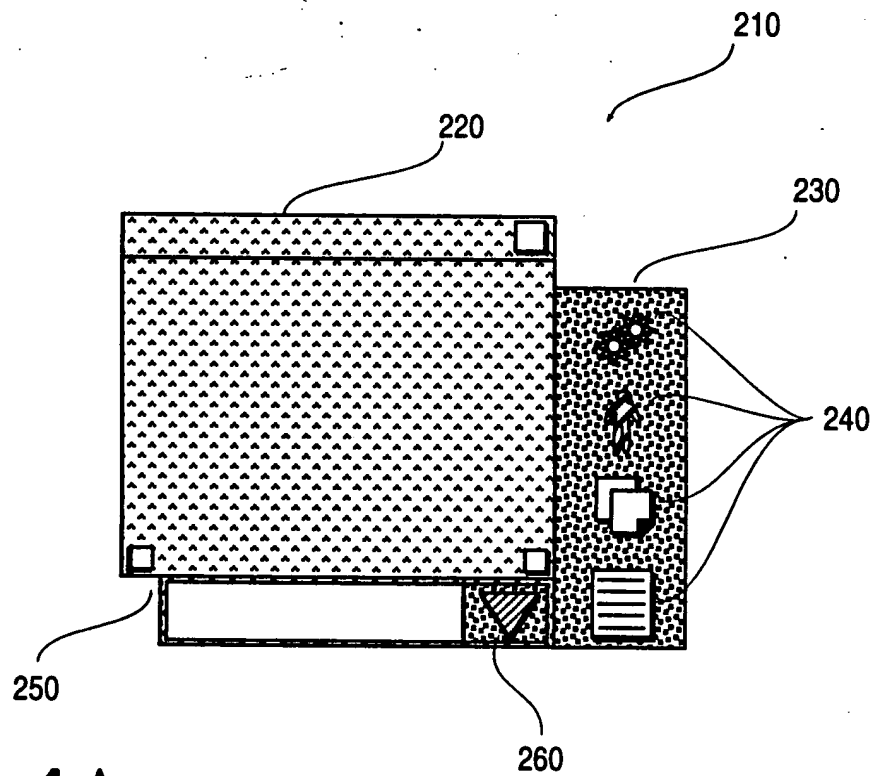


FIG. 2

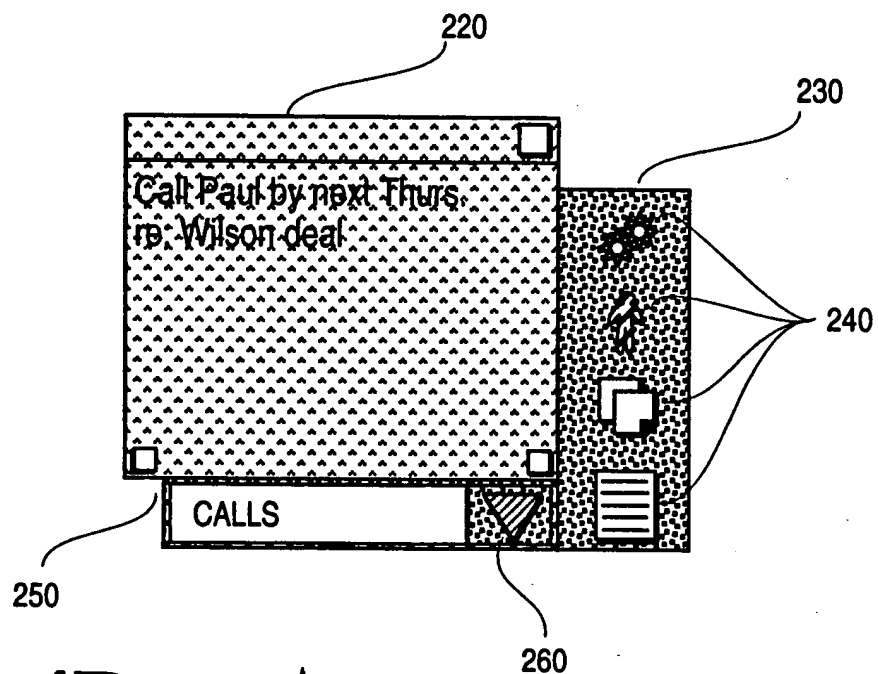
FIG. 3



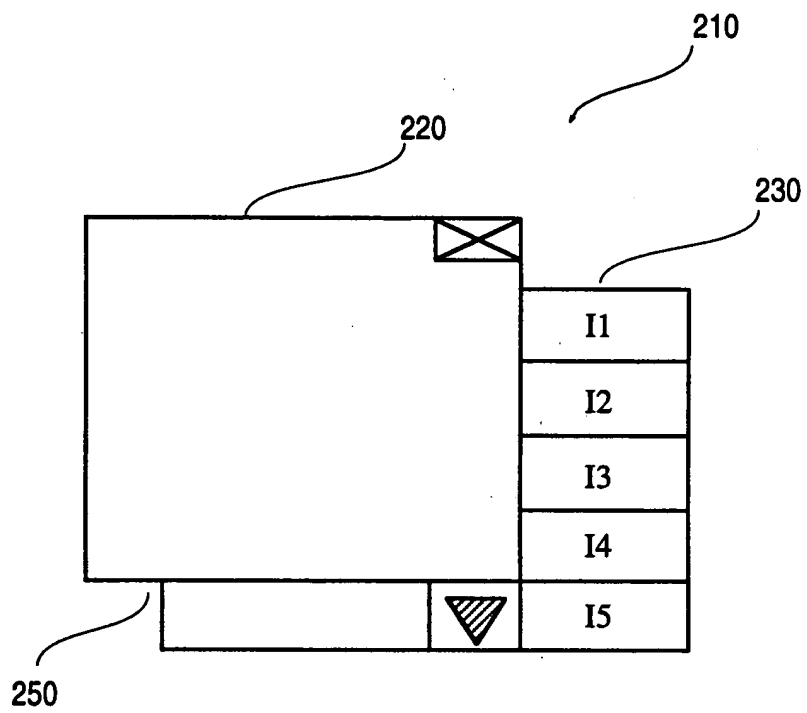
**FIG. 3**



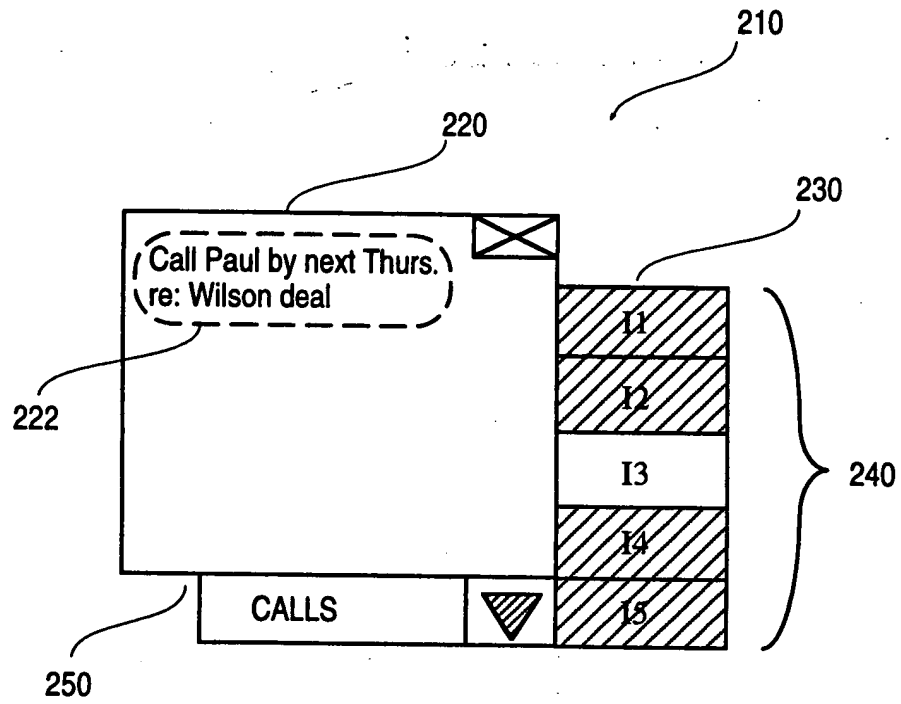
**FIG. 4A**



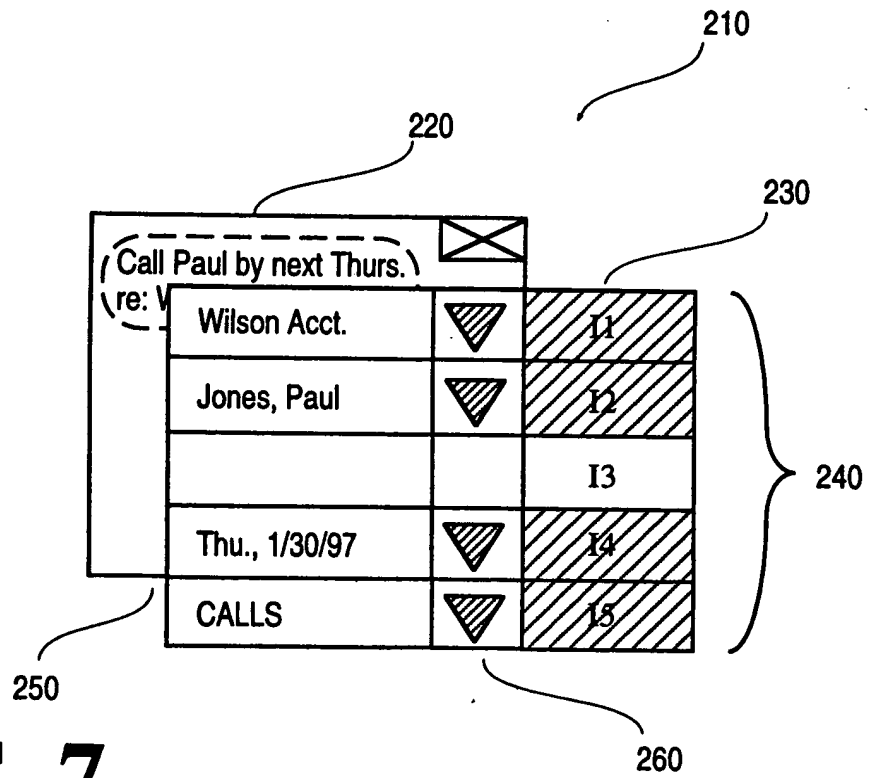
**FIG. 4B**



**FIG. 5**



**FIG. 6**



**FIG. 7**

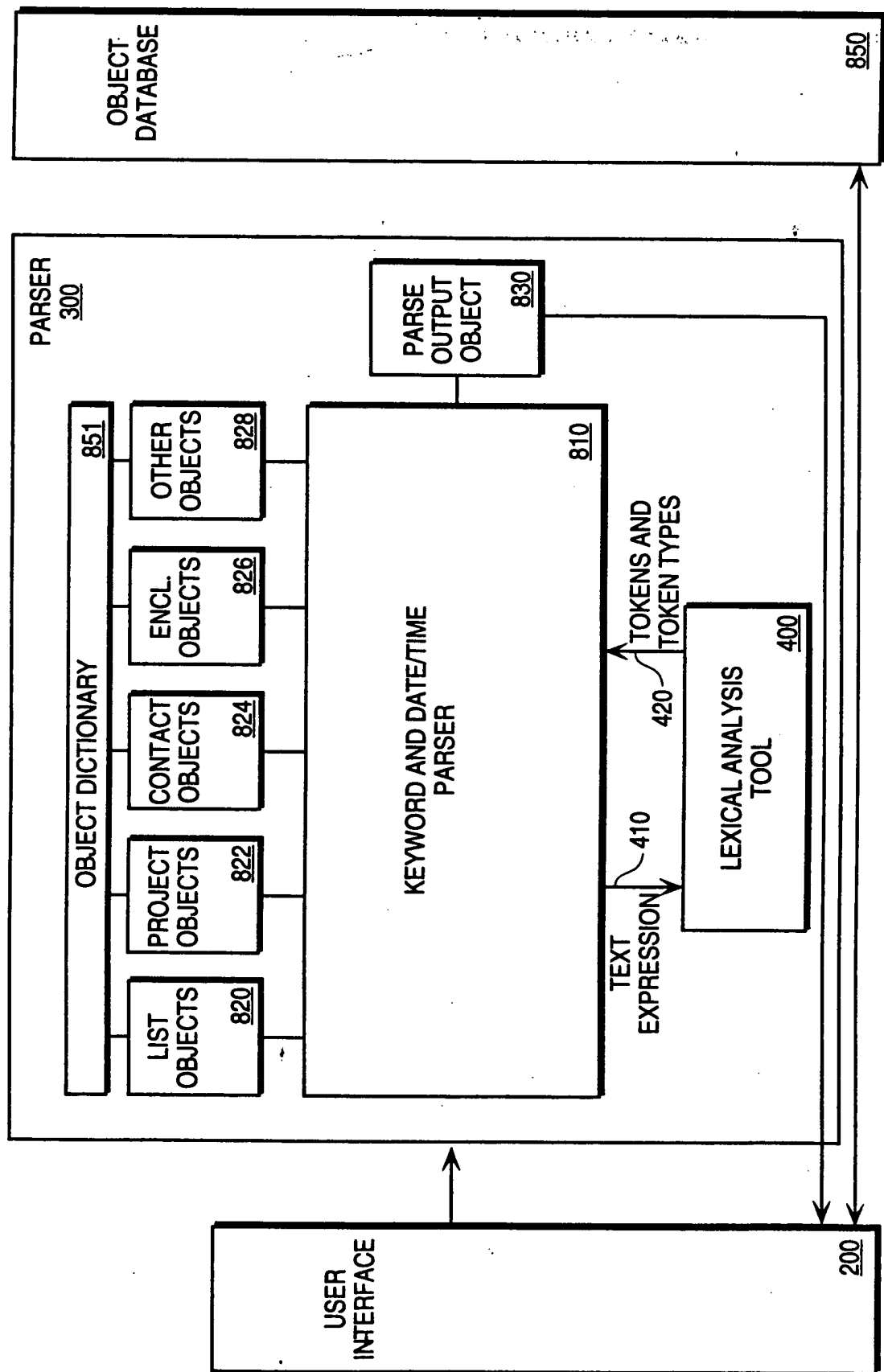
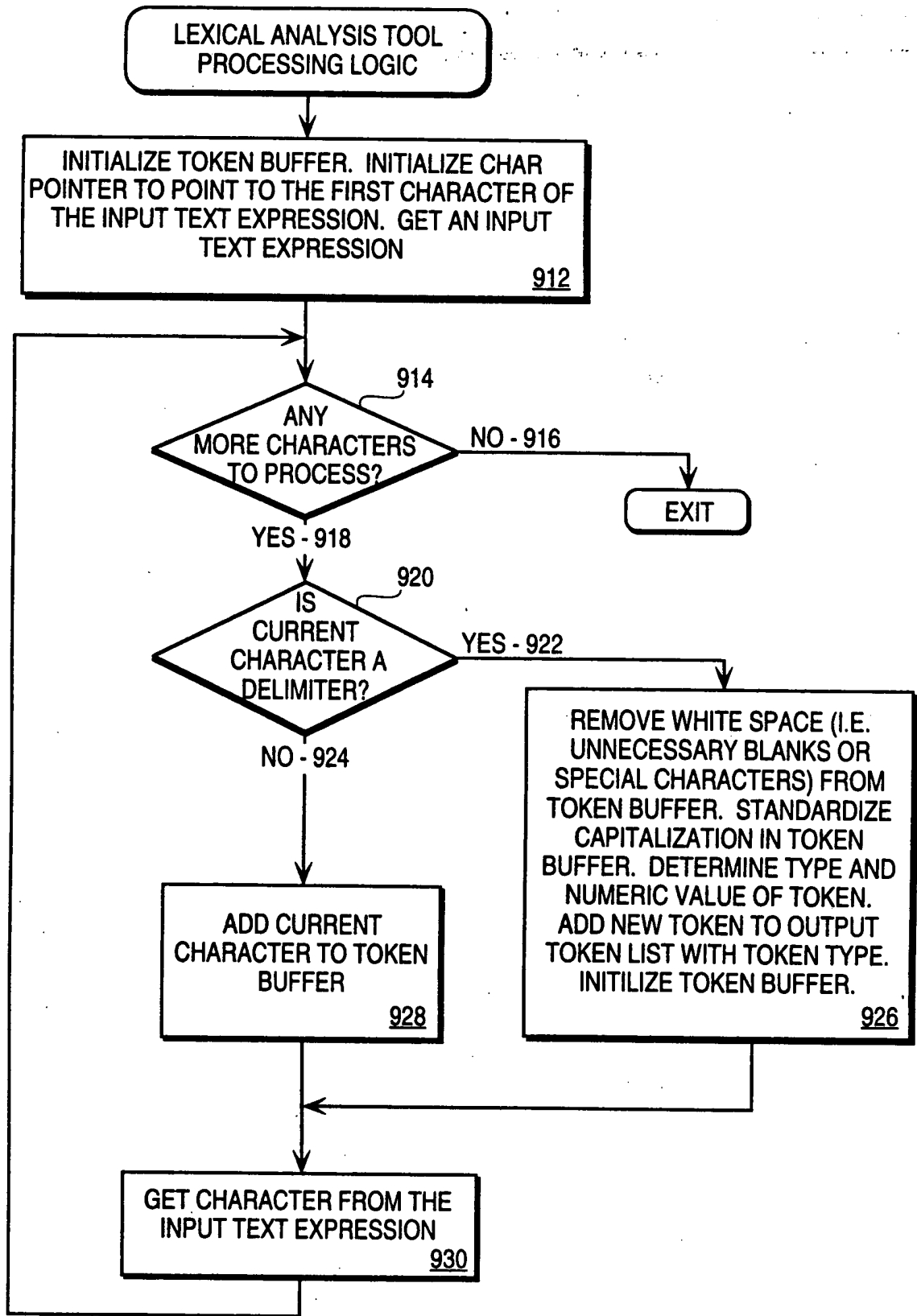


FIG. 8



**FIG. 9**



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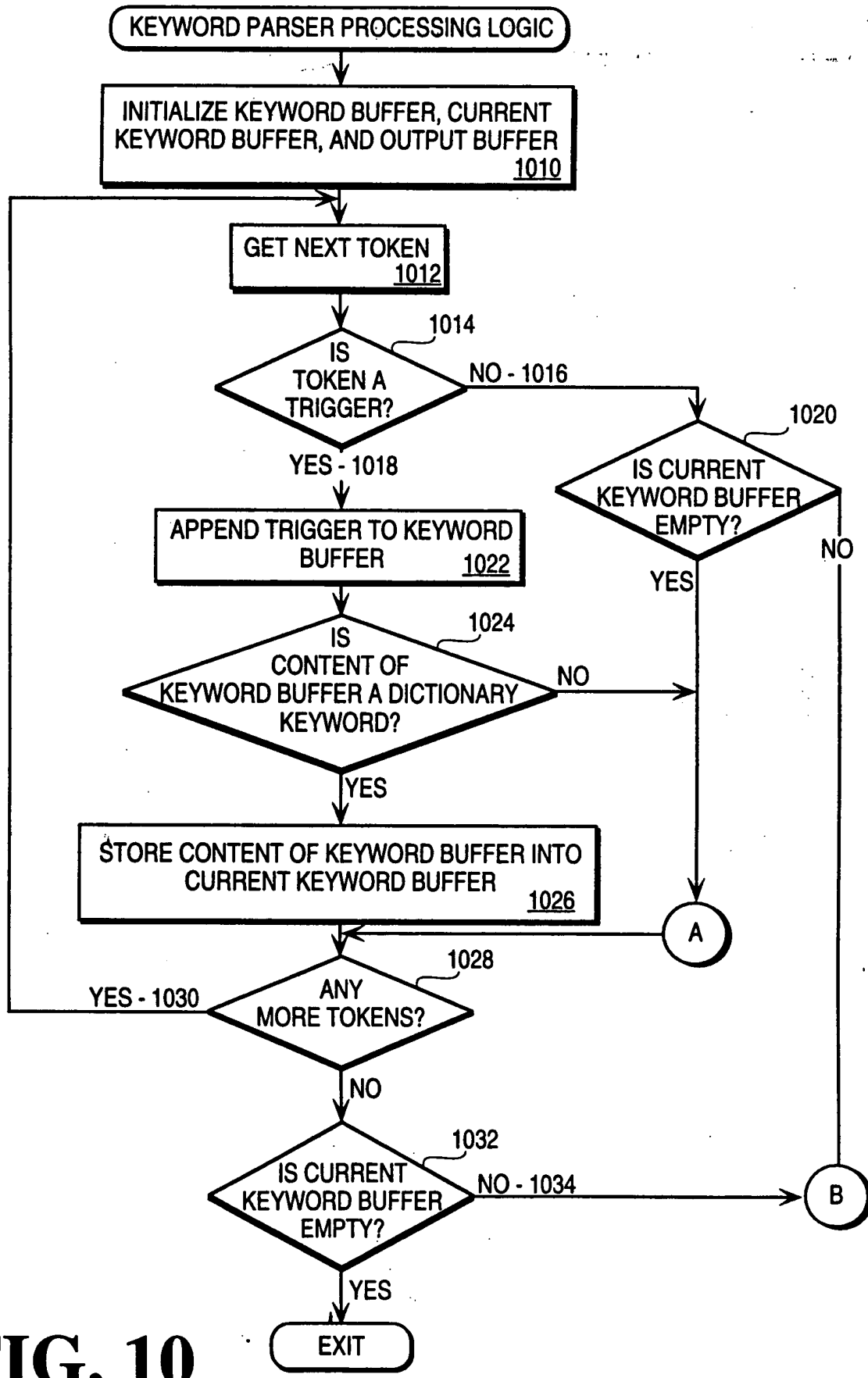
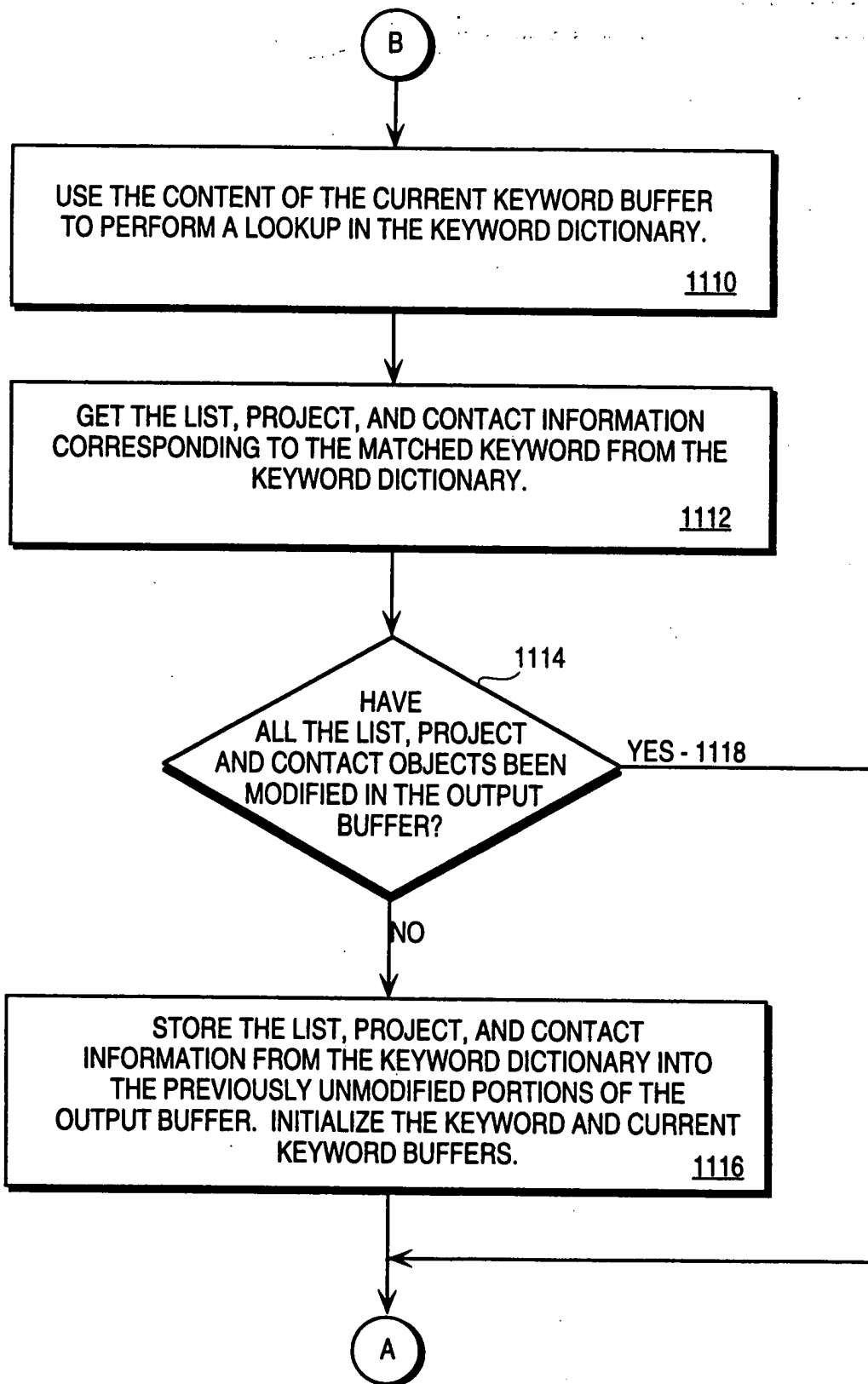


FIG. 10



**FIG. 11**

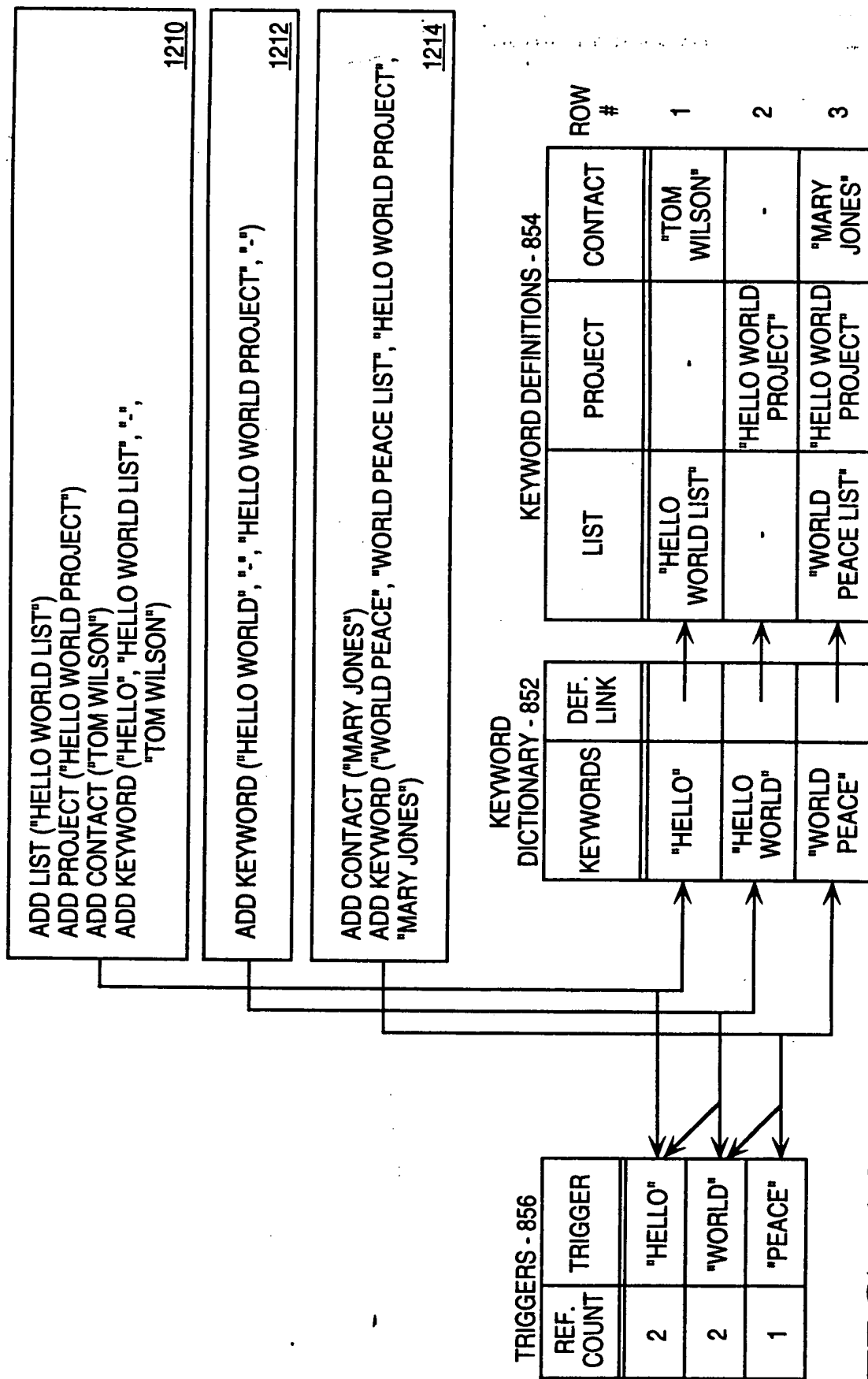


FIG. 12

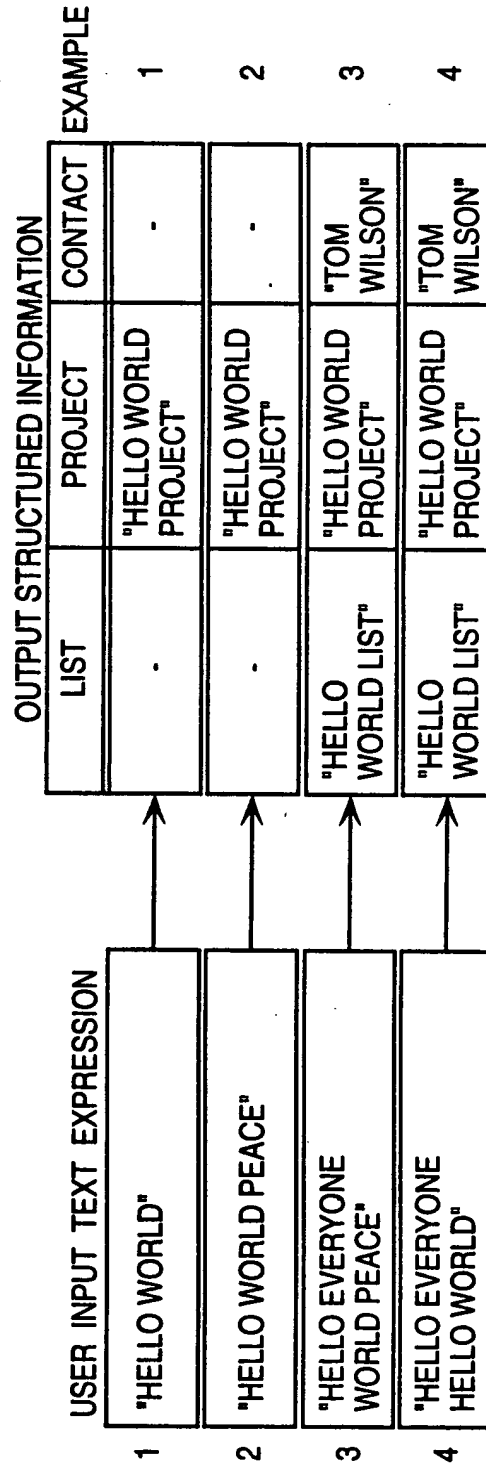
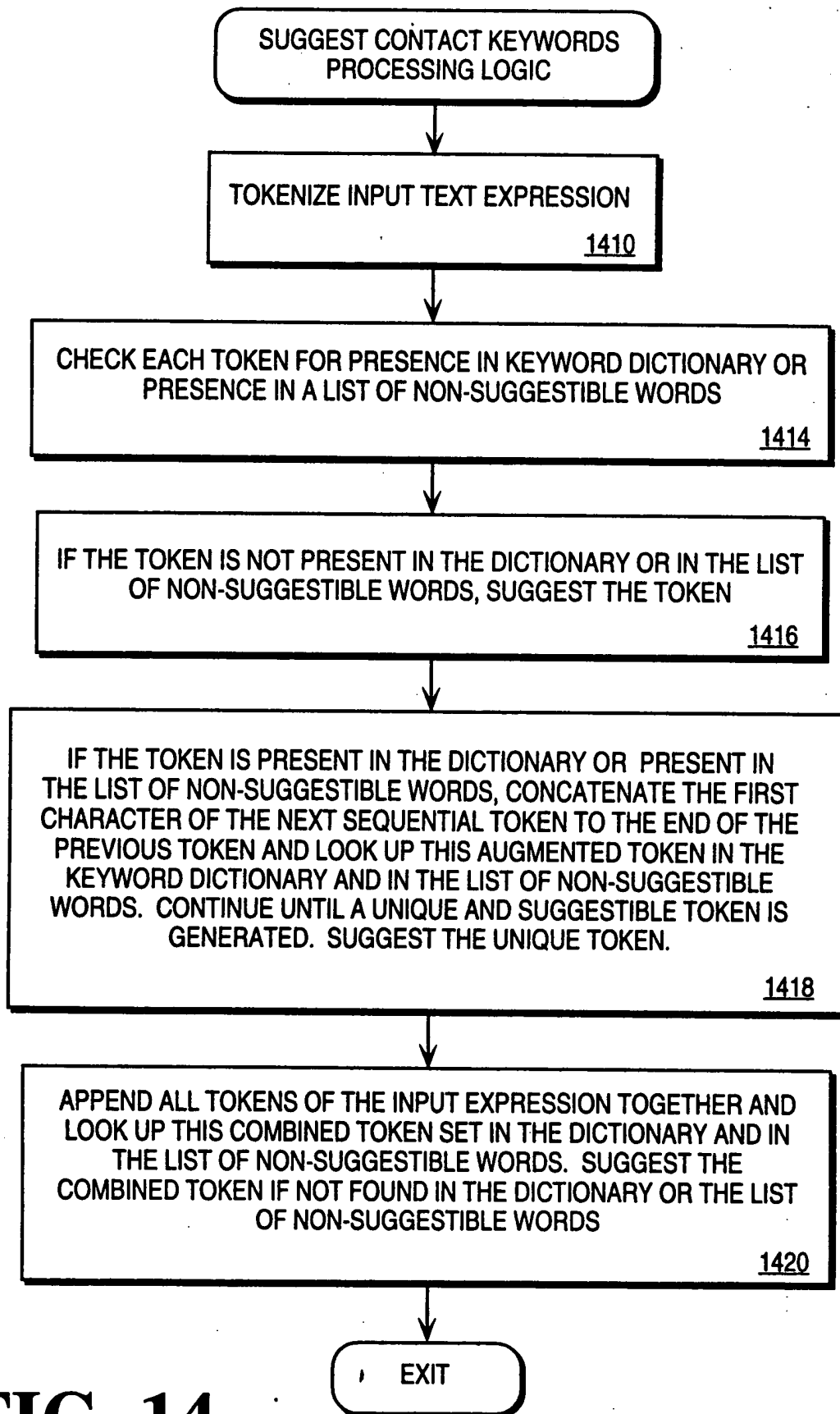


FIG. 13

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**FIG. 14**

**OBJECT TYPE TABLE**

KEY	TYPE	DESCRIPTION
0	ENVELOPE	"CONTAINER" OF A KEYNOTE THAT IS BEING SENT
1	LIST ITEM	ACTUAL KEYNOTE BODY AND STATUS INFORMATION
2	PROJECT	ACTIONEER PROJECT
3	SIMPLE DATE	NON-RECURRING (DUE) DATE
4	RECURRING DATE	RECURRING (DUE) DATE
5	PERSON	INDIVIDUAL CONTACT
6	LIST	ACTIONEER ACTION OR MEMO LIST
7	DELEGATE	PERSON TO WHOM A COLLABORATIVE NOTE IS DELEGATED
8	FYI RECIPIENT	PERSON TO WHOM A NOTE IS SENT FOR INFORMATION PURPOSES ONLY
9	ATTACHED PROJECT	PROJECT ATTACHED TO A NOTE
10	ATTACHED PERSON	PERSON ATTACHED TO A NOTE
11	KEYWORD	WORD(S) USED BY THE ACTIONEER PARSER TO INTERPRET A NOTE'S TEXT
12	PHYSICAL ADDRESS	HOME, WORK, ETC. ADDRESS
13	EMAIL ADDRESS	INTERNET, EXCHANGE, ETC. EMAIL ADDRESS
14	PHONE NUMBER	HOME, WORK, ETC. PHONE NUMBER
15	EMAIL TO	EMAIL ADDRESS TO SEND A NOTE TO (DELEGATE)
16	EMAIL FYI	EMAIL ADDRESS TO SEND A NOTE AS A "CC" (FYI RECIPIENT)
17	ENVELOPE CREATOR	PERSON WHO ORIGINALLY CREATED A PARTICULAR ENVELOPE
18	ENVELOPE SENDER	PERSON WHO SENT A PARTICULAR ENVELOPE TO THE CURRENT RECIPIENT

**FIG. 15**

### OBJECT ASSOCIATION TABLE

TYPE	ASSOCIATED TABLE
ENVELOPE	ENVELOPES
LIST ITEM	LIST ITEMS
PROJECT	PROJECTS
SIMPLE DATE	SIMPLE DATES
RECURRING DATE	RECURRING DATES
PERSON	PEOPLE
LIST	LISTS
DELEGATE	PEOPLE
FYI RECIPIENT	PEOPLE
ATTACHED PROJECT	PROJECTS
ATTACHED PERSON	PEOPLE
KEYWORD	KEYWORDS
PHYSICAL ADDRESS	PHYSICAL ADDRESSES
EMAIL ADDRESS	EMAIL ADDRESSES
PHONE NUMBER	PHONE NUMBERS
EMAIL TO	EMAIL ADDRESSES
EMAIL FYI	EMAIL ADDRESSES
ENVELOPE CREATOR	PEOPLE
ENVELOPE SENDER	PEOPLE

**FIG. 16**

# PROJECTS (TYPE=2)

KEY	NAME
201	PATENTS

## SAMPLE DATABASE

# SIMPLE DATES (3)

KEY	DATE
202	THU., 2/7/97

# PEOPLE (5)

KEY	NAME
203	BRIAN SMIGA
204	JIM SALTER
205	TOM HAGAN
206	DENNIS BUCHHEIM

# LISTS (6)

KEY	NAME
207	CALLS

# KEYWORDS (11)

KEY	KEYWORD
208	CALL
209	PATENT

# EMAIL ADDRESSES (13)

KEY	ADDRESS
210	smiga@actioneer.com
211	hagan@actioneer.com

# LINKS

KEY 1	TYPE 1	OBJECT DESCRIPTION 1	KEY 2	TYPE 2	OBJECT DESCRIPTION 2
207	6	"CALLS" LIST	208	11	"CALL" KEYWORD
201	2	"PATENTS" PROJECT	209	11	"PATENT" KEYWORD
203	5	"BRIAN SMIGA" PERSON	210	13	"smiga@actioneer.com" Email Address
205	5	"TOM HAGAN" PERSON	211	13	"hagan@actioneer.com" Email Address

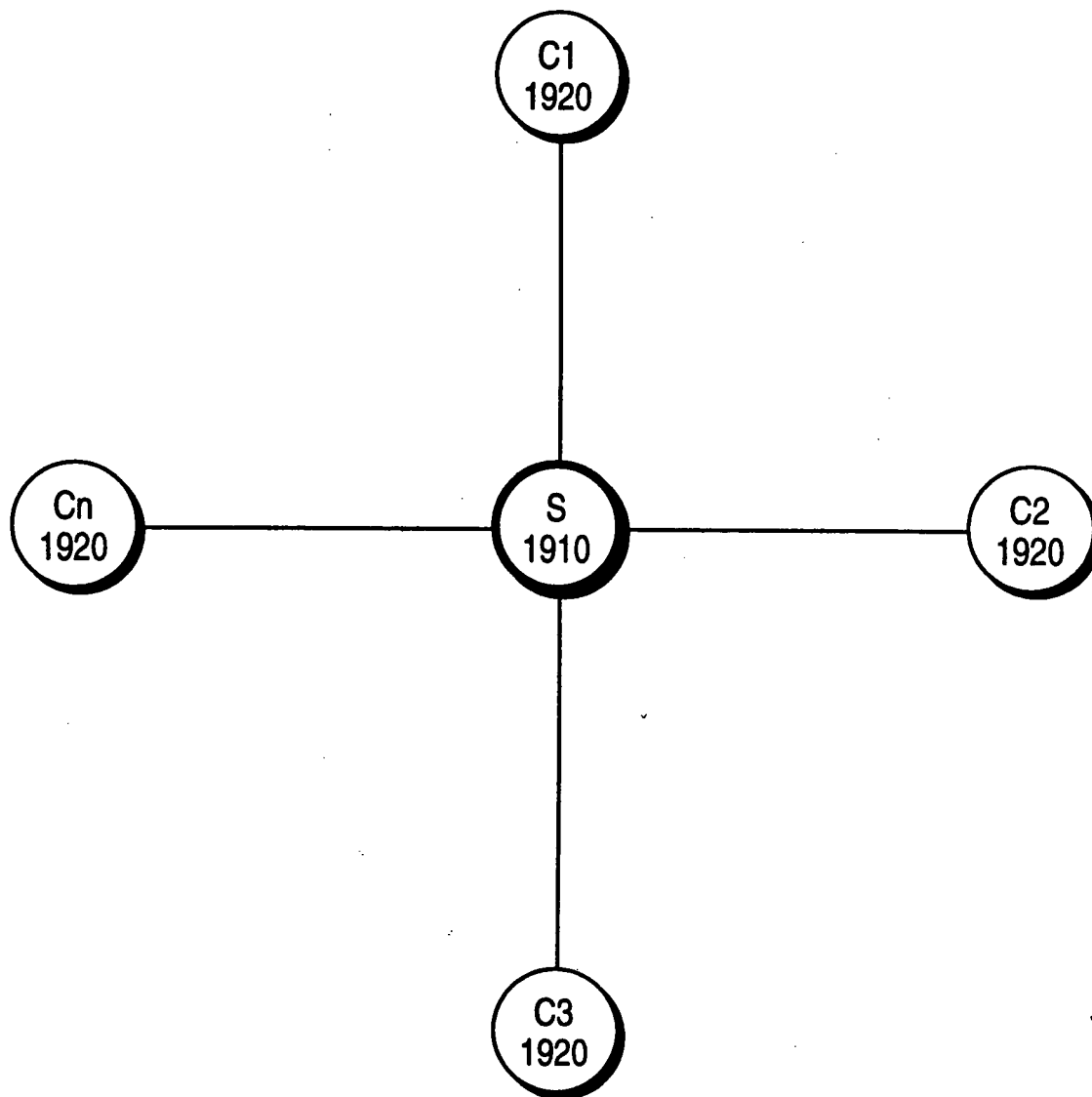
FIG. 17



SAMPLE LINK TABLE

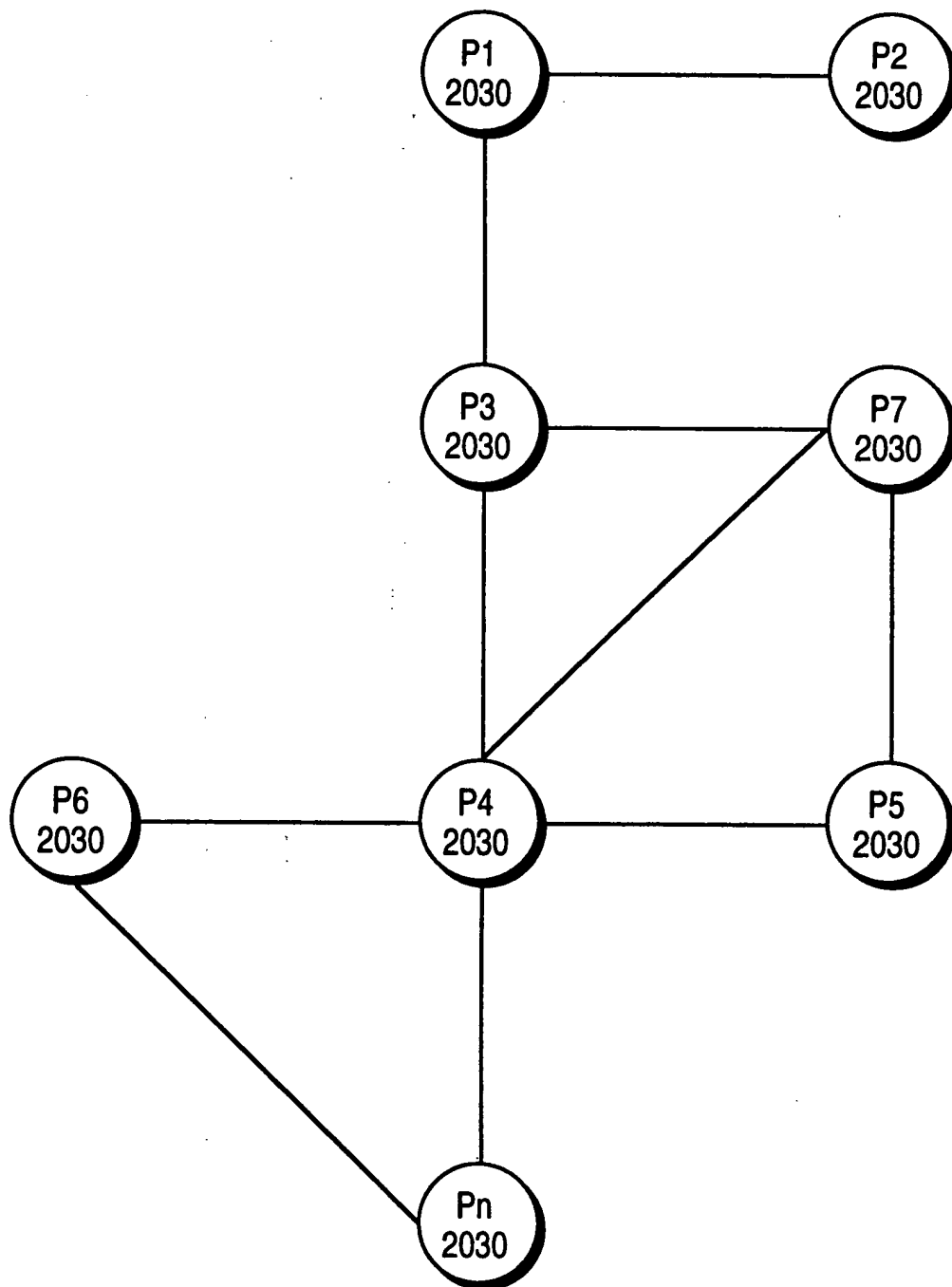
KEY 1	TYPE 1	OBJECT DESCRIPTION 1	KEY 2	TYPE 2	OBJECT DESCRIPTION 2
212	0	ENVELOPE	213	1	LIST ITEM (ACTUAL NOTE)
212	0	ENVELOPE	206	17	"Dennis Buchheim" ENVELOPE CREATOR
212	0	ENVELOPE	206	18	"Dennis Buchheim" ENVELOPE SENDER
212	0	ENVELOPE	210	15	"smiga@actioneer.com" Email TO
212	0	ENVELOPE	211	16	"Hagan@actioneer.com" Email FYI
213	1	LIST ITEM	201	2	"PATENTS" PROJECT
213	1	LIST ITEM	202	3	"2/7/97" SIMPLE DATE
213	1	LIST ITEM	203	5	"Brian Smiga" PERSON
213	1	LIST ITEM	204	5	"Jim Salter" PERSON
213	1	LIST ITEM	207	6	"Calls" LIST
213	1	LIST ITEM	203	7	"Brian Smiga" DELEGATE
213	1	LIST ITEM	205	8	"Tom Hagan" FYI
213	1	LIST ITEM	201	9	"PATENTS" ATTACHED PROJECT
213	1	LIST ITEM	204	10	"Jim Salter" ATTACHED PERSON

FIG. 18

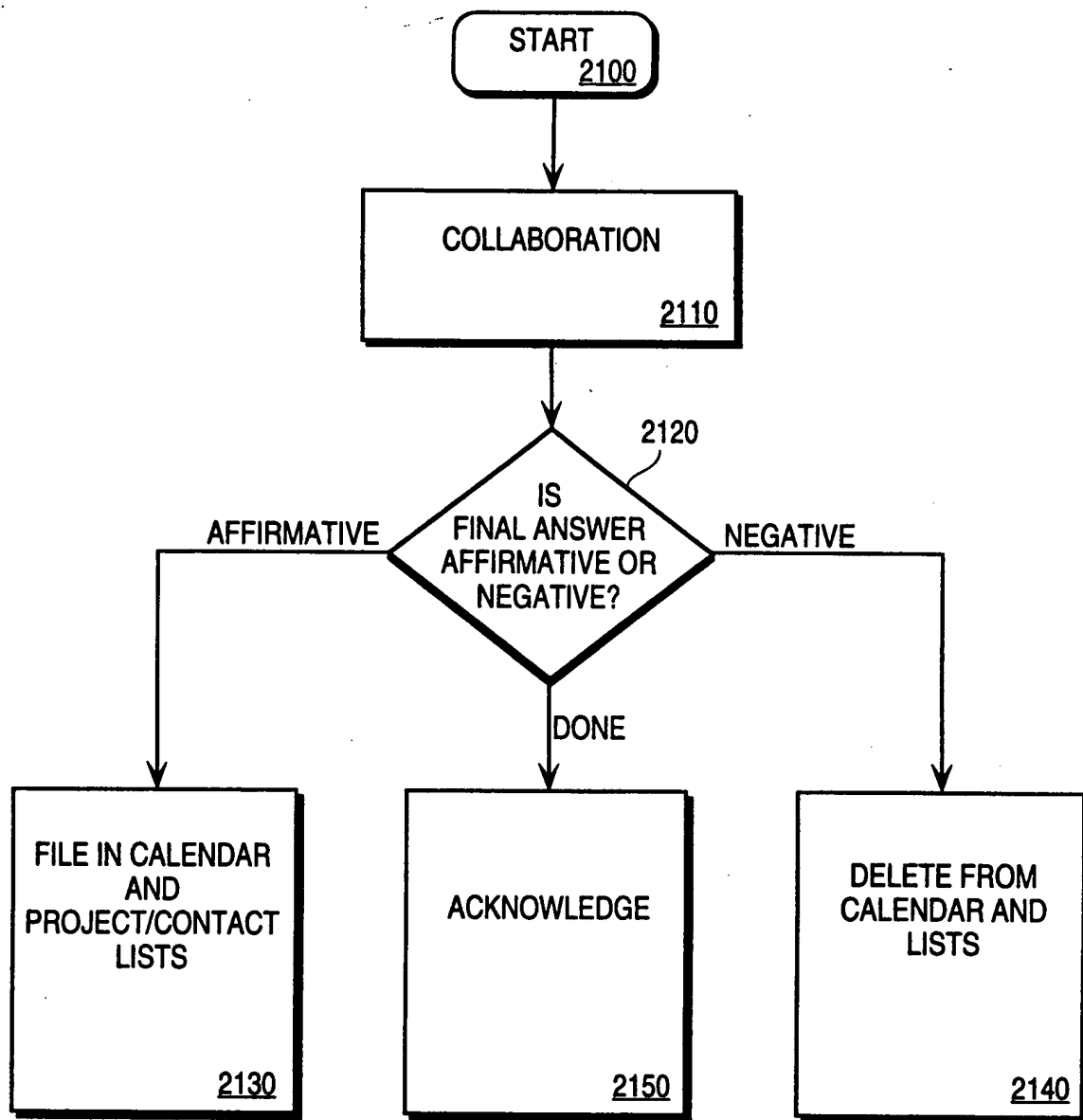


**FIG. 19**

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**FIG. 20**



**FIG. 21**

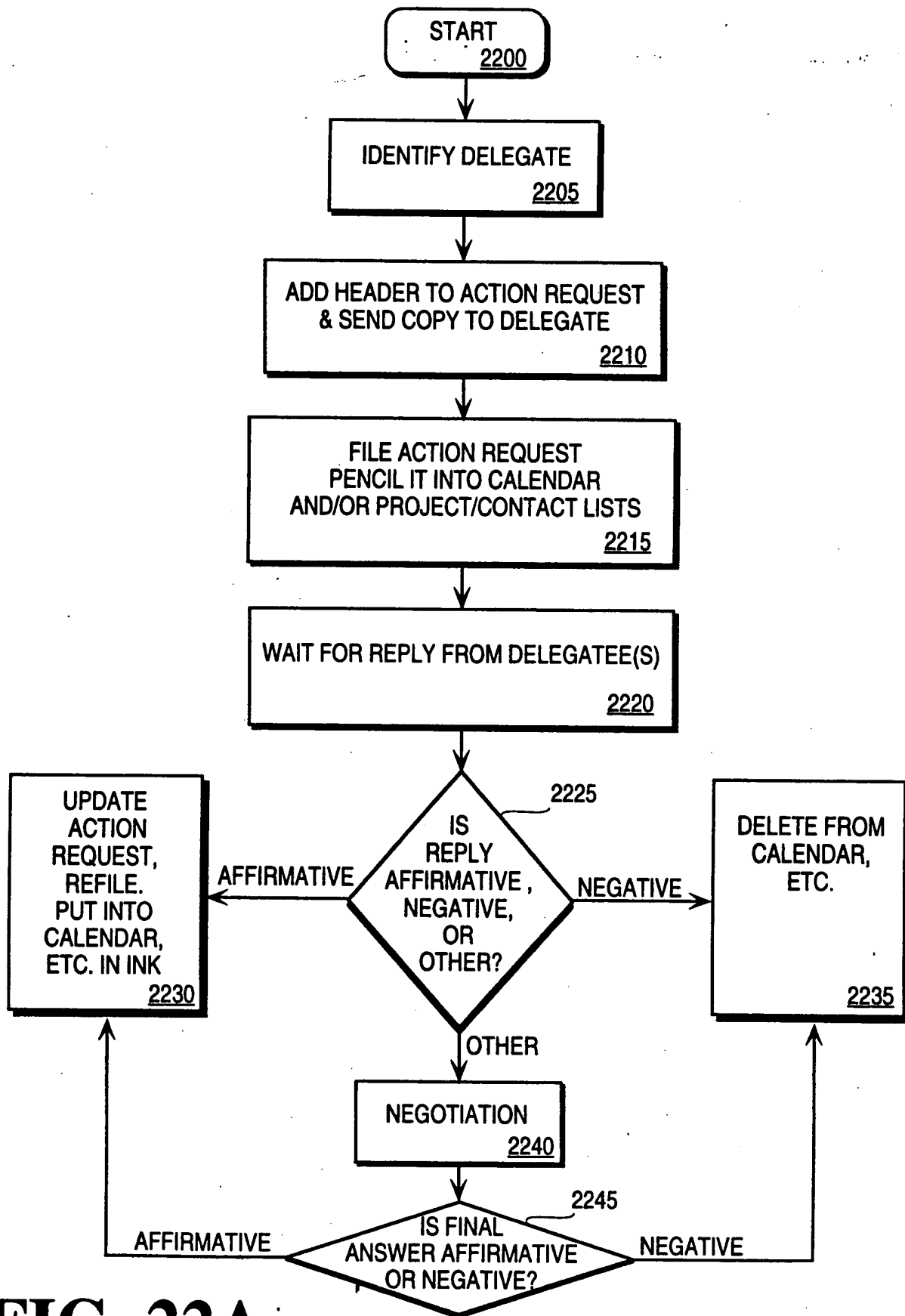
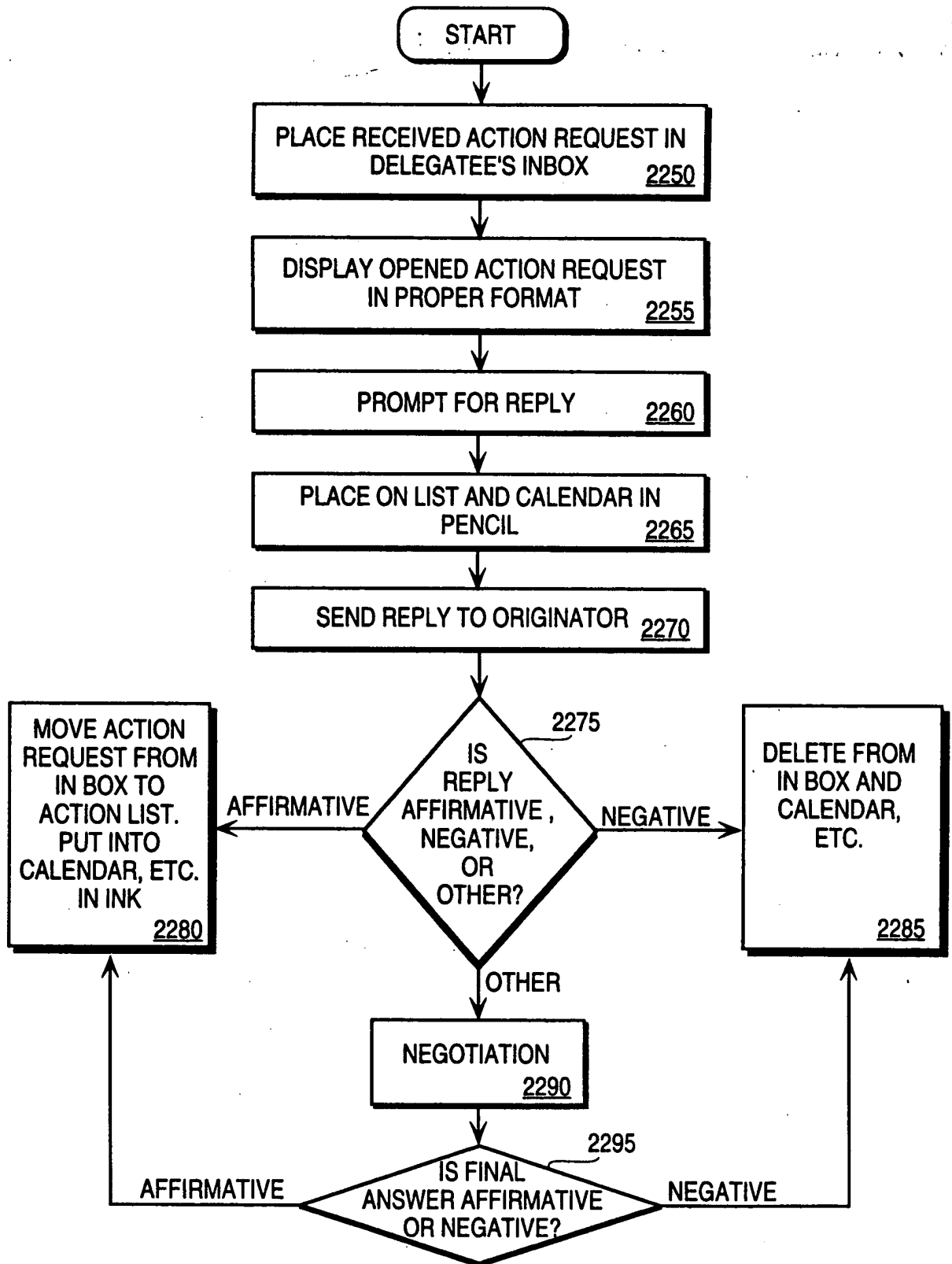
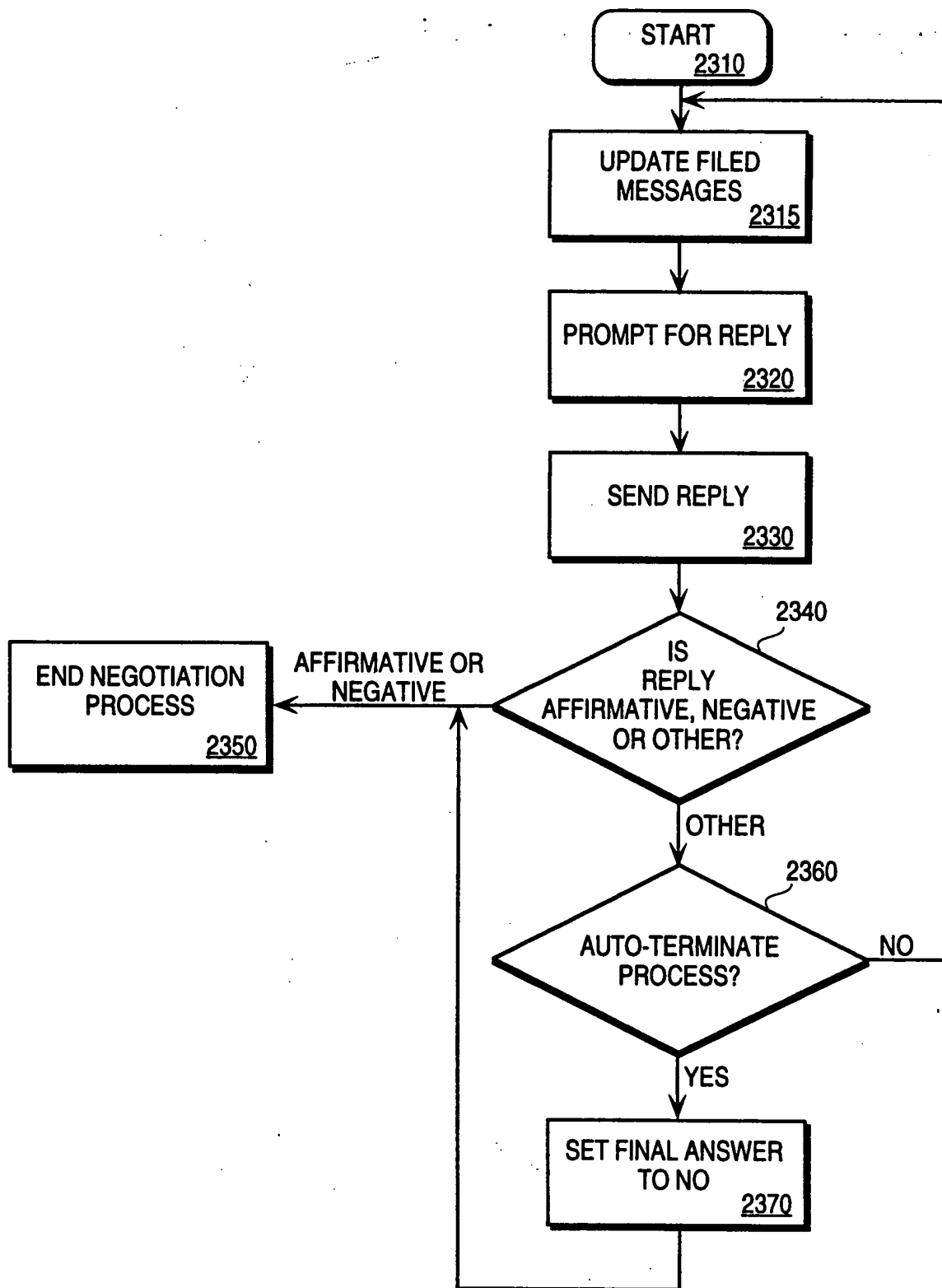


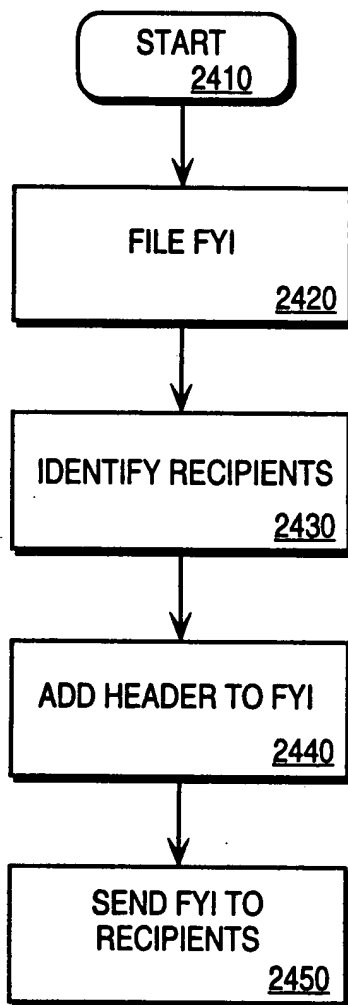
FIG. 22A



**FIG. 22B**



**FIG. 23**



**FIG. 24**



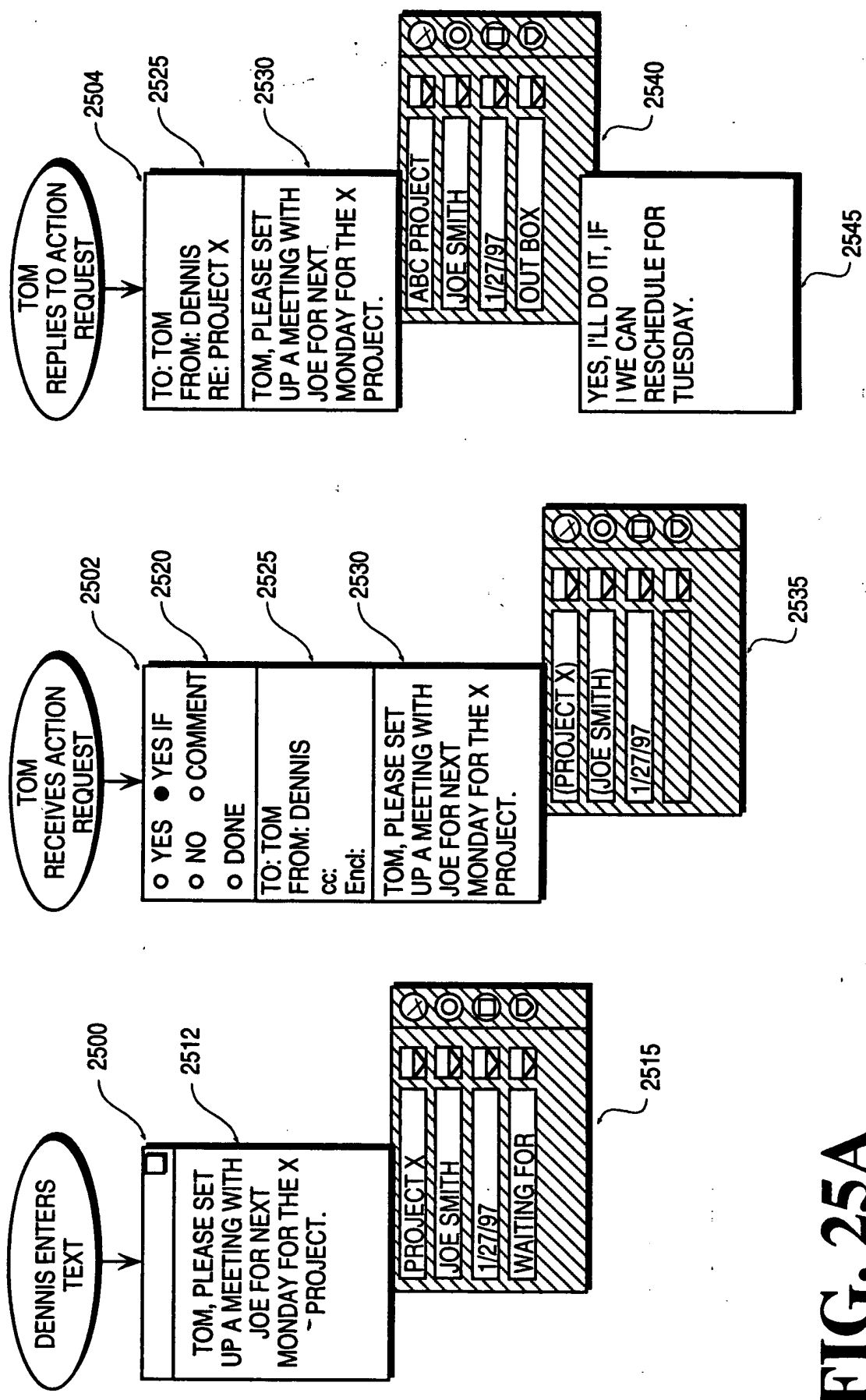


FIG. 25A

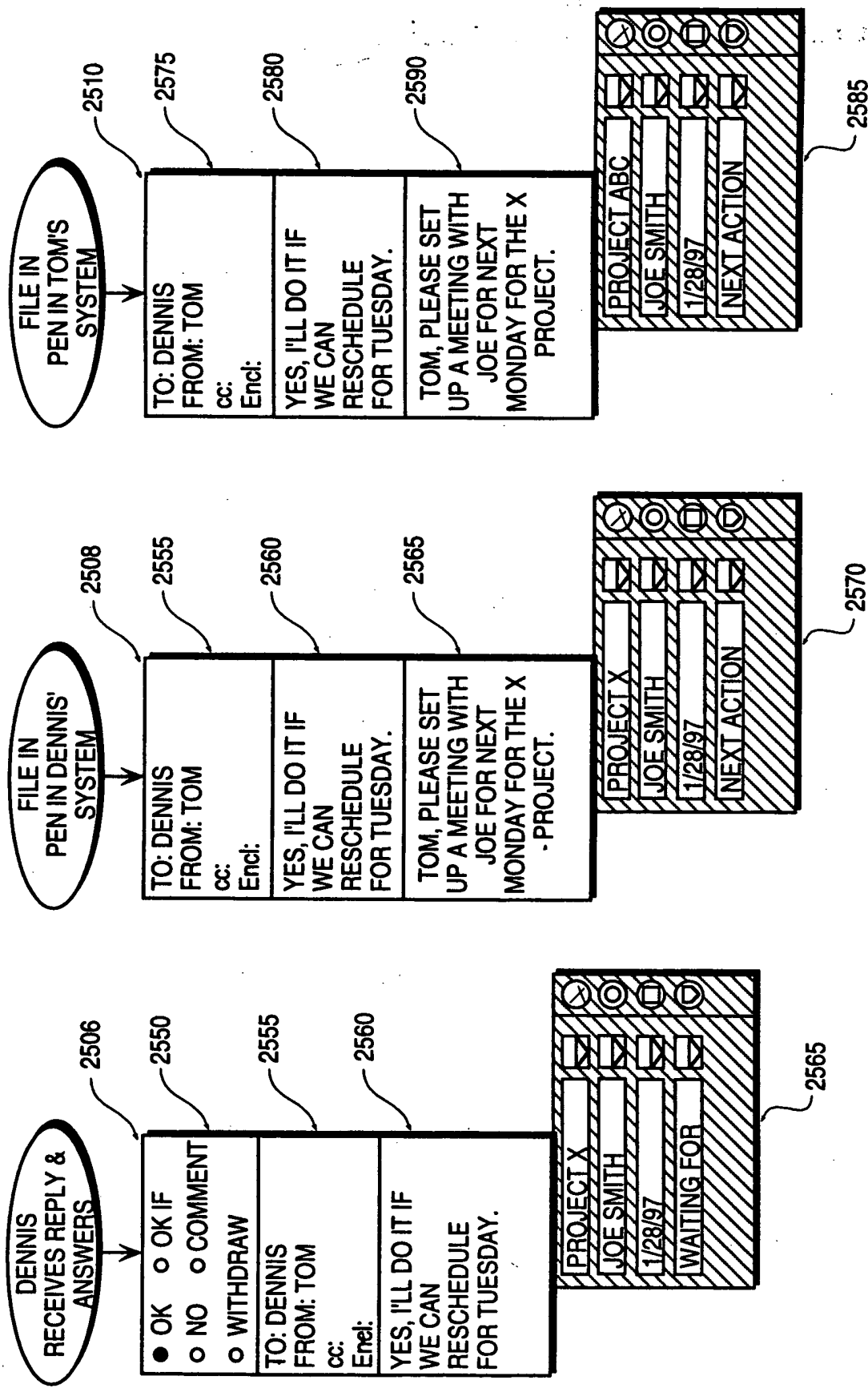


FIG. 25B